

Converting Colors

XYZ(35.5125, 36.8109, 41.0948)

Have a look what the booklet for
XYZ(35.5125, 36.8109, 41.0948)
contains.

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Color

**XYZ(35.5291, 36.7008,
41.2878)**

Conversions

Conversions Part 1

Format	Color
Hex	A6A2A6
RGB	166, 162, 166
RGB Percent	65%, 64%, 65%
CMY	0.3490, 0.3647, 0.3490
CMYK	0.00, 0.02, 0.00, 0.35
HSL	300°, 2%, 64%
HSV	300°, 2%, 65%
XYZ	35.5291, 36.7008, 41.2878
YIQ	163.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

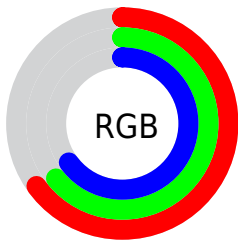
Format	Color
RYB	166, 162, 166
Decimal	10920614
CIELab	67.05, 2.20, -1.57
CIELCh	67, 2.699, 324.486
Yxy	36.7008, 0.3130, 0.3233
Android (android.graphics.Color)	4289110694 (0xFFA6A2A6)
YUV	163.6520, 1.1576, 2.0592
Hunter-Lab	60.5812, -1.3320, 1.9990

Details

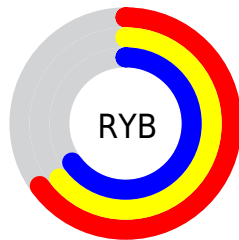
The XYZ color **35.5291, 36.7008, 41.2878** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.0596, 37.5635, 39.5869**, and the grayscale version is **35.1164, 36.9452, 40.2334**.

A 20% lighter version of the original color is **67.6828, 70.2183, 78.3928**, and **15.5526, 15.9442, 18.1774** is the 20% darker color. If you saturate the color by 10%, you get **32.7960, 31.2346, 40.3773**, and if you desaturate by 10%, it is **38.6503, 42.9422, 42.3286**.

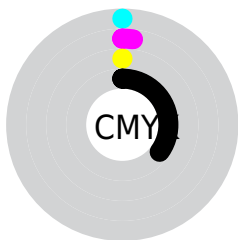
Distribution



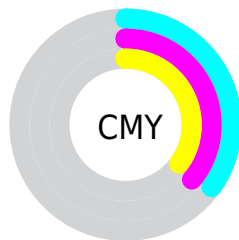
- Red (65%)
- Green (64%)
- Blue (65%)



- Red (65%)
- Yellow (64%)
- Blue (65%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (35%)



- Cyan (35%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5291, 36.7008, 41.2878 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 35.5291, 36.7008, 41.2878 by changing the saturation by 10% instead.

■ 35.5291, 36.7008,
41.2878

■ 35.5291, 36.7008,
41.2878

318.3649,
332.0133, 367.2342

■ 24.2392, 24.9759,
28.2226

■ 67.6333, 70.1124,
78.3790

■ 15.6368, 16.0591,
18.2531

■ 89.1782, 92.5679,
103.2421

■ 9.3567, 9.5660,
10.9605

114.8721,
119.3690, 132.8750

■ 5.0336, 5.1122,
5.9264

145.0805,
150.9002, 167.6961

■ 2.3019, 2.3132,
2.7323

180.1686,
187.5458, 208.1241

■ 0.7957, 0.7807,
0.9596

220.5018,

■ 0.0000, 0.0000,

229.6903, 254.5774

0.0000

266.4454,
277.7180, 307.4746

■ 35.5291, 36.7008,
41.2878

■ 35.5291, 36.7008,
41.2878

■ 32.7960, 31.2346,
40.3773

■ 38.6503, 42.9422,
42.3286

■ 30.4329, 26.5089,
39.5897

■ 42.1706, 49.9824,
43.5019

■ 28.4249, 22.4932,
38.9204

■ 46.1046, 57.8500,
44.8132

■ 26.7547, 19.1533,
38.3638

■ 50.4651, 66.5706,
46.2666

■ 25.4038, 16.4520,
37.9136

■ 55.2644, 76.1687,
47.8663

■ 24.3519, 14.3486,
37.5630

■ 58.3709, 82.3812,
48.9017

■ 23.5763, 12.7979,
37.3046

■ 58.3712, 82.3814,
48.9017

■ 23.0510, 11.7478,
37.1296

■ 58.3715, 82.3816,
48.9017

■ 22.7453, 11.1367,
37.0278

■ 58.3718, 82.3817,
48.9017

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



35.2110, 36.7008, 42.0525



35.5291, 36.7008, 41.2878



35.6742, 36.7008, 40.1784

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35.5291, 36.7008, 41.2878



34.9589, 36.7008, 37.7540



34.1700, 36.7008, 40.9047

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



35.5291, 36.7008, 41.2878



35.0596, 37.5635, 39.5869

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



34.1036, 36.7008, 39.7442



35.5291, 36.7008, 41.2878



34.5571, 36.7008, 37.9399

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



35.5291, 36.7008, 41.2878



35.3433, 36.7008, 38.1500



34.2448, 36.7008, 38.6628



34.4267, 36.7008, 41.8283

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



35.5291, 36.7008, 41.2878



35.6524, 36.7008, 39.3984



34.2448, 36.7008, 38.6628



34.1248, 36.7008, 40.5288

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



35.5301, 36.7024, 41.2886



65.2271, 68.0987, 75.1818



34.7169, 36.3006, 41.2539



14.6035, 15.2530, 16.8266



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.5301, 36.7024, 41.2886



64.1405, 65.9256, 74.8196



35.3543, 36.6320, 40.3621



8.2021, 8.3870, 9.6049



17.5297, 8.4203, 28.6769



0.4265, 0.2049, 0.6977

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



35.1692, 36.5580, 39.3872



63.3126, 65.5944, 70.4590



35.2326, 37.6327, 40.4985



8.0731, 8.3354, 8.9256



12.1947, 6.2866, 0.5711



0.2967, 0.1530, 0.0139

Previews

White Background



This preview shows how the XYZ color 35.5291, 36.7008, 41.2878 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 35.5291, 36.7008, 41.2878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

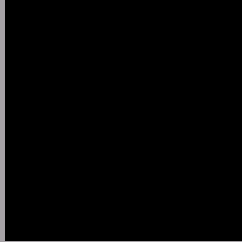
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

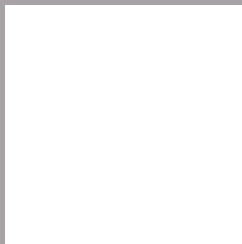
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5291, 36.7008, 41.2878

Background



This preview shows how black text looks on a background with the XYZ color 35.5291, 36.7008, 41.2878.



This preview shows how white text looks on a background with the XYZ color 35.5291, 36.7008,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

35.5291, 36.7008, 41.2878

Protanopia

35.3203, 36.5932, 41.2780

Deuteranopia

37.3334, 36.5909, 41.6543



Tritanopia

36.3212, 36.7612, 45.2257

Trichromacy



Original Color

35.5291, 36.7008, 41.2878

Protanomaly

35.3203, 36.5932, 41.2780

Deuteranomaly

36.6068, 36.4705, 41.6693

Tritanomaly

36.0319, 36.6455, 43.7023

Monochromacy



Original Color

35.5291, 36.7008, 41.2878

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.4058, 36.9103, 40.8556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5291, 36.7008, 41.2878 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(166, 162, 166)` looks like.

```
.text, #text, p{  
    color:rgb(166, 162, 166)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(166, 162, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 162, 166) }
```

Border

The CSS property to change the border of an element to XYZ 35.5291, 36.7008, 41.2878 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 162, 166) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(166, 162, 166) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(166, 162, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 162, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 162, 166);  
box-shadow:4px 4px 4px 4px rgb(166, 162,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5291, 36.7008, 41.2878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 162, 166) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(166,  
162, 166) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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